

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG063022\
 Data File : BG054179.D
 Acq On : 30 Jun 2022 21:25
 Operator : CG/JU
 Sample : N3549-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ML-2

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 07/01/2022
 Supervised By : Jagrut Upadhyay 07/01/2022

Quant Time: Jul 01 04:05:36 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 27 00:27:54 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.064	152	25472	20.000	ng	0.00
21) Naphthalene-d8	10.872	136	96679	20.000	ng	0.00
39) Acenaphthene-d10	14.692	164	66463	20.000	ng	0.00
64) Phenanthrene-d10	17.435	188	156493	20.000	ng	# 0.00
76) Chrysene-d12	21.713	240	167178	20.000	ng	0.00
86) Perylene-d12	24.974	264	170708	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.637	112	155592	116.786	ng	0.00
7) Phenol-d6	7.230	99	203825	112.777	ng	0.00
23) Nitrobenzene-d5	9.227	82	140135	81.456	ng	0.00
42) 2,4,6-Tribromophenol	16.178	330	133667	125.174	ng	0.00
45) 2-Fluorobiphenyl	13.317	172	370868	81.142	ng	0.00
79) Terphenyl-d14	20.044	244	629230	75.807	ng	0.00
Target Compounds						
75) Fluoranthene	19.486	202	23677	2.243	ng	Qvalue 95
78) Pyrene	19.844	202	29679	2.939	ng	99
88) Benzo(b)fluoranthene	23.934	252	28359m	2.732	ng	
90) Benzo(a)pyrene	24.821	252	18580	2.122	ng	# 81

(#) = qualifier out of range (m) = manual integration (+) = signals summed

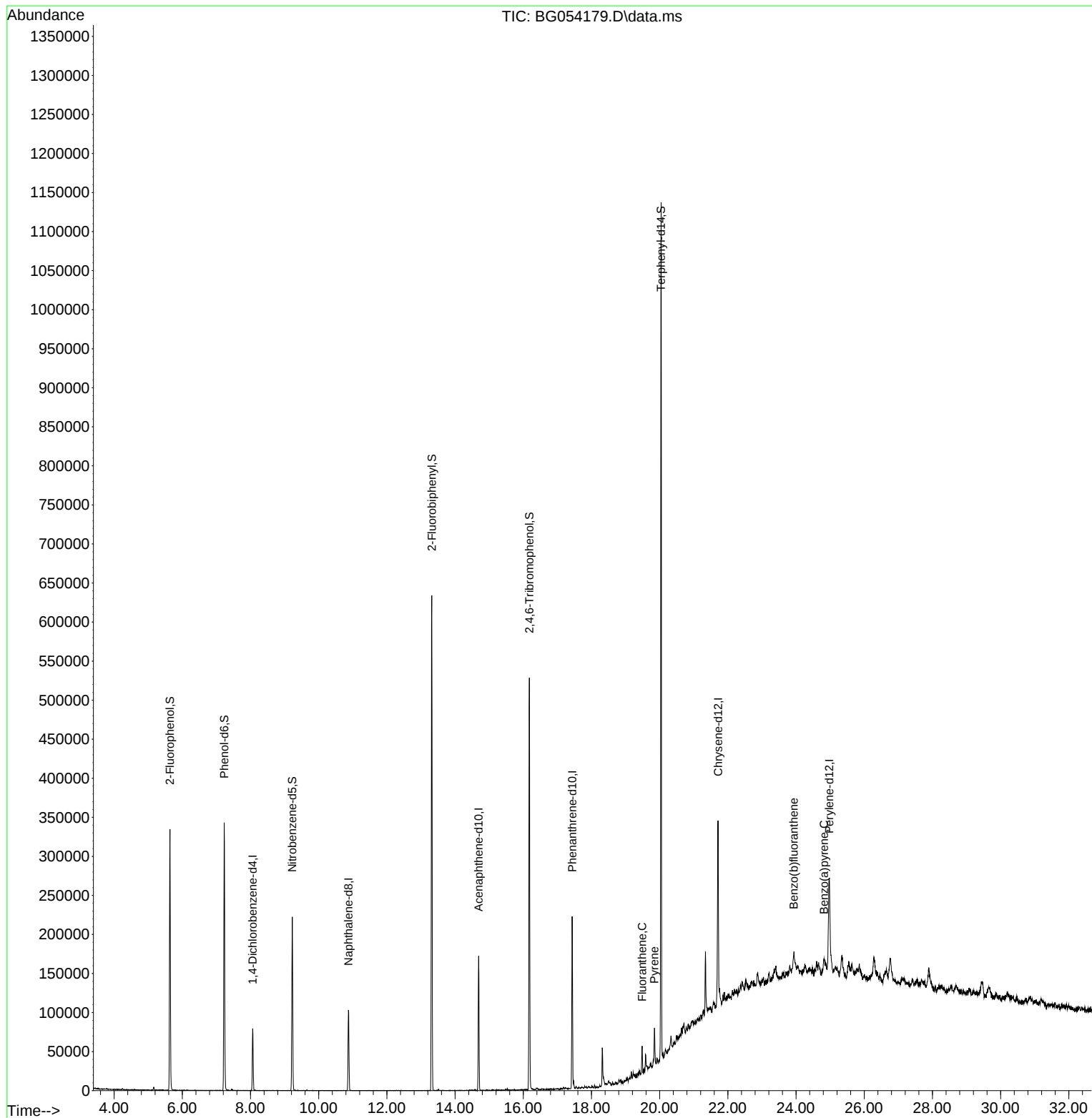
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG063022\
Data File : BG054179.D
Acq On : 30 Jun 2022 21:25
Operator : CG/JU
Sample : N3549-02
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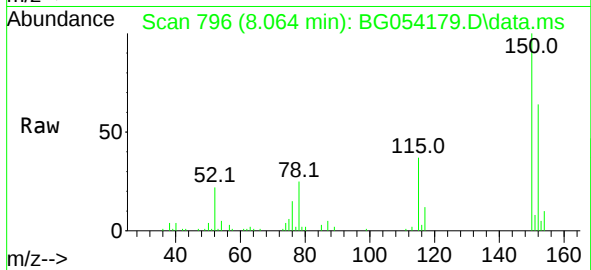
Reviewed By :Christian Giraldo 07/01/2022
Supervised By :Jagrut Upadhyay 07/01/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.064 min Scan# 74
Delta R.T. -0.006 min
Lab File: BG054179.D
Acq: 30 Jun 2022 21:25

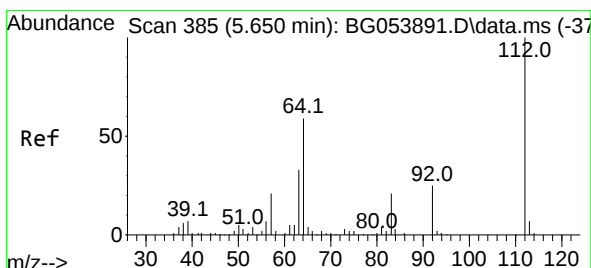
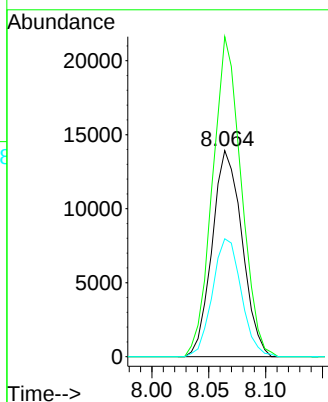
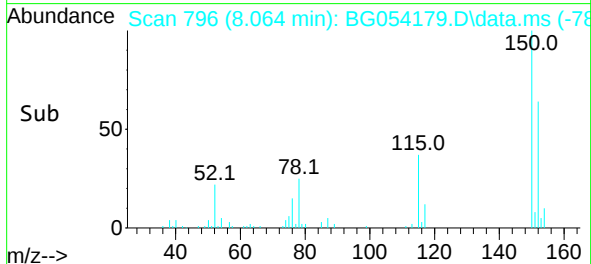
Instrument :
BNA_G
ClientSampleId :
ML-2



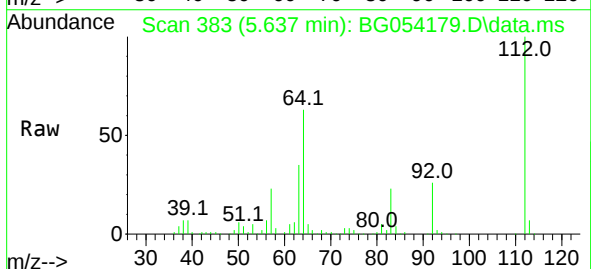
Tgt Ion:152 Resp: 25472
Ion Ratio Lower Upper
152 100
150 155.2 131.6 197.4
115 57.2 50.9 76.3

Manual Integrations
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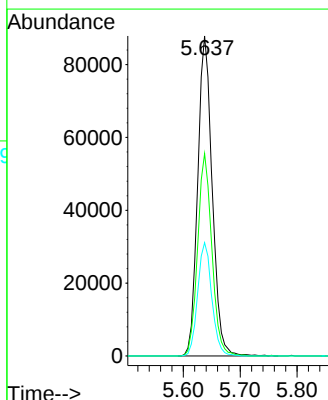
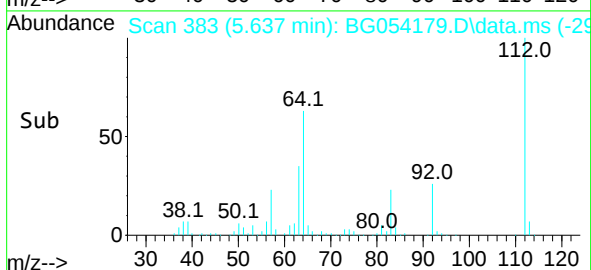
Reviewed By :Christian Giraldo 07/01/2022
Supervised By :Jagrut Upadhyay 07/01/2022



#5
2-Fluorophenol
Concen: 116.786 ng
RT: 5.637 min Scan# 383
Delta R.T. -0.001 min
Lab File: BG054179.D
Acq: 30 Jun 2022 21:25



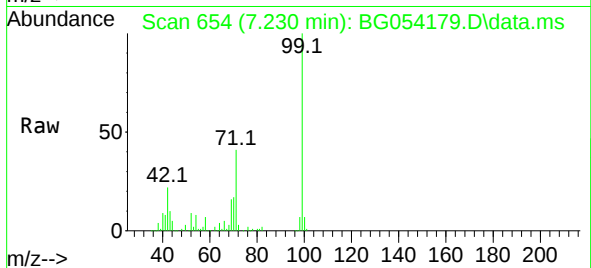
Tgt Ion:112 Resp: 155592
Ion Ratio Lower Upper
112 100
64 63.3 55.1 82.7
63 35.4 30.4 45.6





#7
Phenol-d6
Concen: 112.777 ng
RT: 7.230 min Scan# 61
Delta R.T. -0.001 min
Lab File: BG054179.D
Acq: 30 Jun 2022 21:25

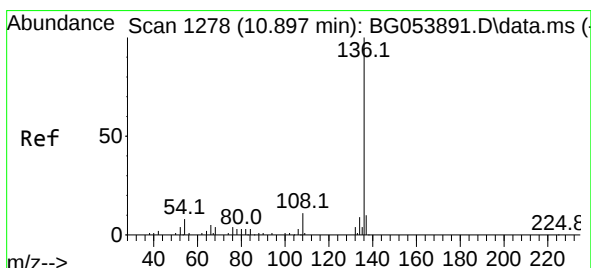
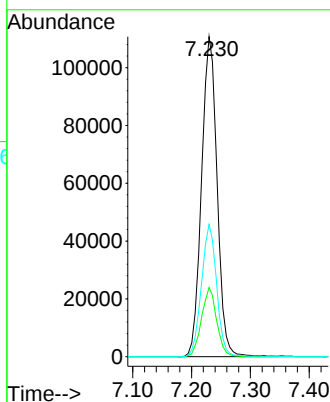
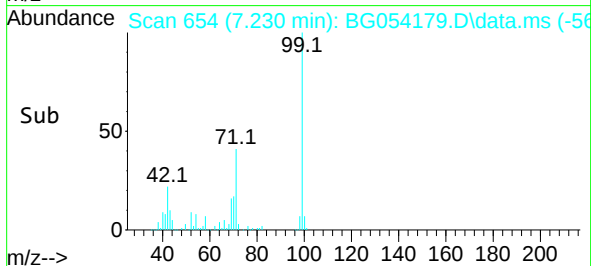
Instrument :
BNA_G
ClientSampleId :
ML-2



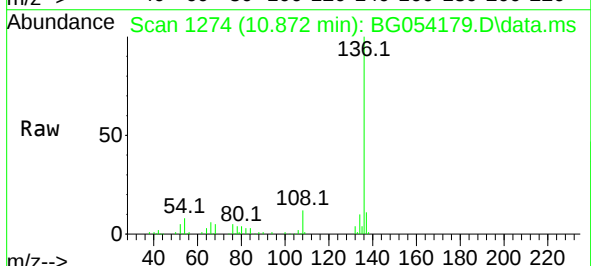
Tgt Ion: 99 Resp: 20382
Ion Ratio Lower Upper
99 100
42 21.6 17.0 25.6
71 41.3 33.8 50.8

Manual Integrations
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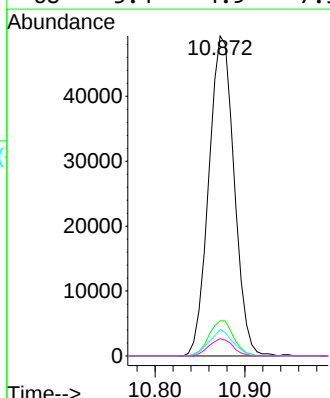
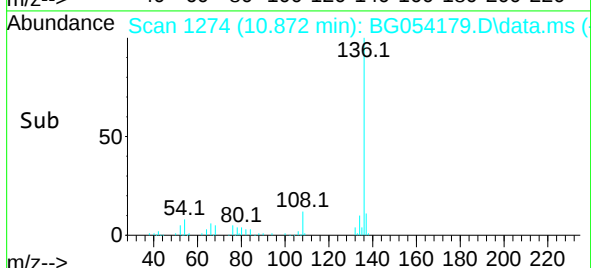
Reviewed By :Christian Giraldo 07/01/2022
Supervised By :Jagrut Upadhyay 07/01/2022



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.872 min Scan# 1274
Delta R.T. -0.006 min
Lab File: BG054179.D
Acq: 30 Jun 2022 21:25



Tgt Ion:136 Resp: 96679
Ion Ratio Lower Upper
136 100
137 11.0 8.5 12.7
54 8.2 7.4 11.2
68 5.4 4.9 7.3





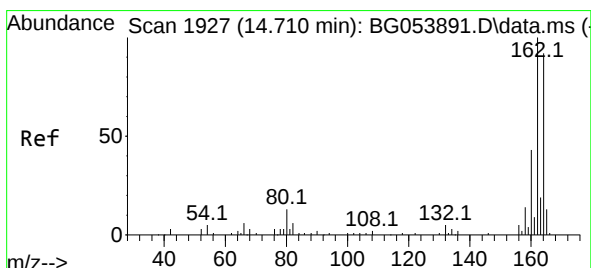
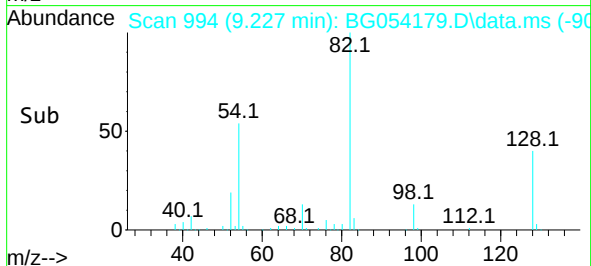
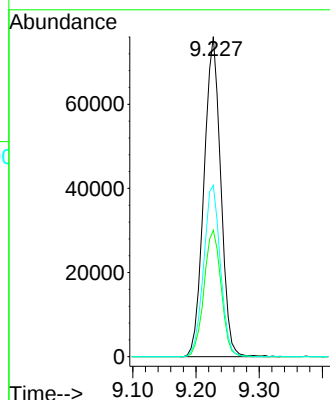
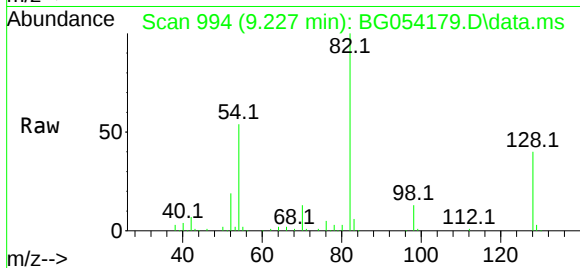
#23
Nitrobenzene-d5
Concen: 81.456 ng
RT: 9.227 min Scan# 994
Delta R.T. -0.006 min
Lab File: BG054179.D
Acq: 30 Jun 2022 21:25

Instrument :
BNA_G
ClientSampleId :
ML-2

Tgt Ion: 82 Resp: 140135
Ion Ratio Lower Upper
82 100
128 39.5 27.9 41.9
54 53.5 41.2 61.8

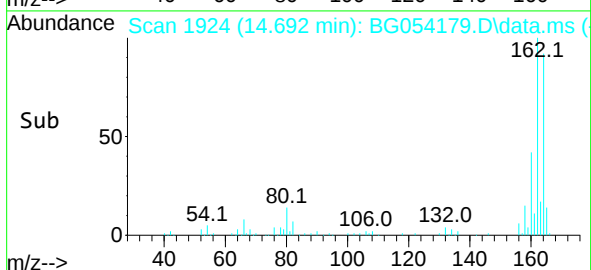
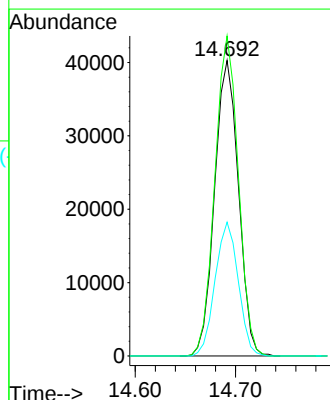
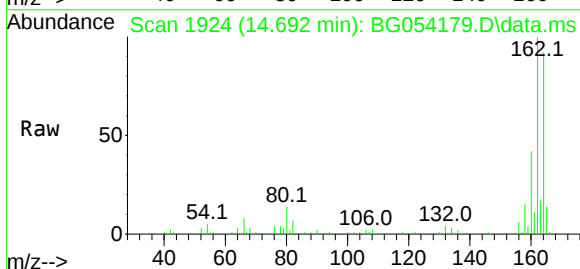
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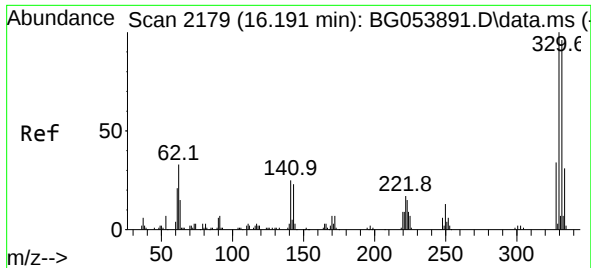
Reviewed By :Christian Giraldo 07/01/2022
Supervised By :Jagrut Upadhyay 07/01/2022



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.692 min Scan# 1924
Delta R.T. -0.006 min
Lab File: BG054179.D
Acq: 30 Jun 2022 21:25

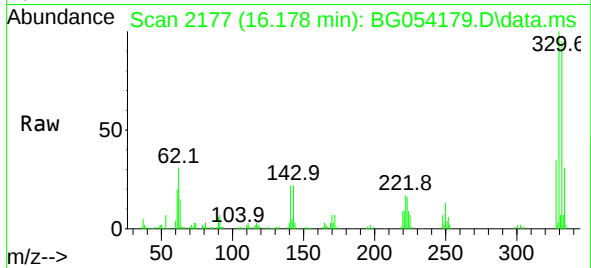
Tgt Ion:164 Resp: 66463
Ion Ratio Lower Upper
164 100
162 108.3 82.3 123.5
160 45.3 34.2 51.2





#42
2,4,6-Tribromophenol
Concen: 125.174 ng
RT: 16.178 min Scan# 2179
Delta R.T. -0.006 min
Lab File: BG054179.D
Acq: 30 Jun 2022 21:25

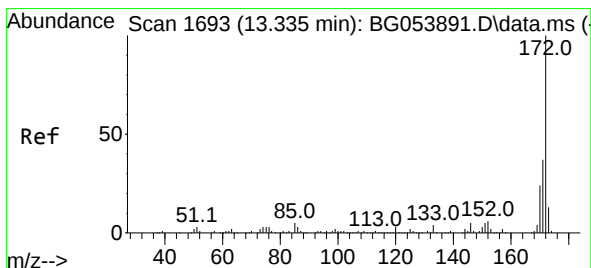
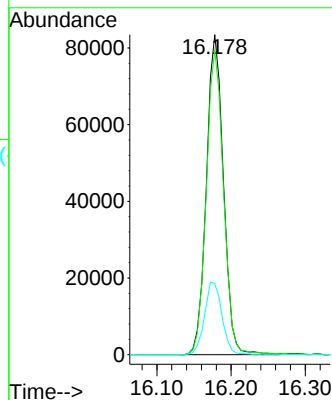
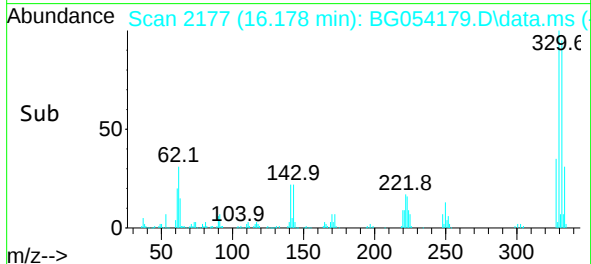
Instrument :
BNA_G
ClientSampleId :
ML-2



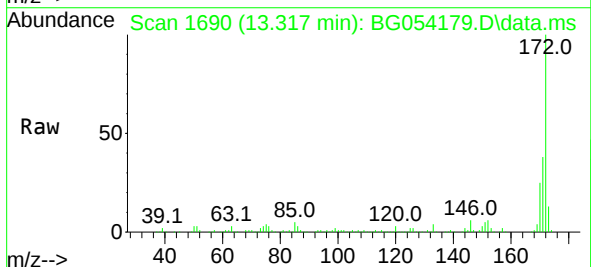
Tgt Ion:330 Resp: 13366
Ion Ratio Lower Upper
330 100
332 96.3 76.0 114.0
141 23.2 27.1 40.7

Manual Integrations
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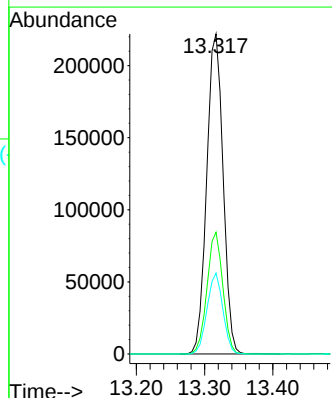
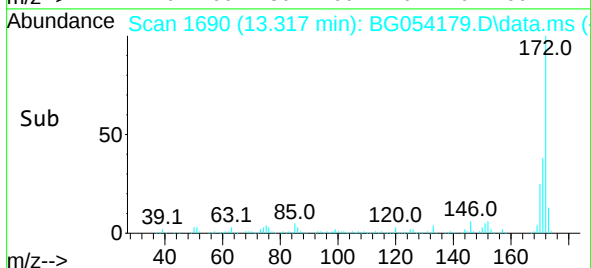
Reviewed By :Christian Giraldo 07/01/2022
Supervised By :Jagrut Upadhyay 07/01/2022

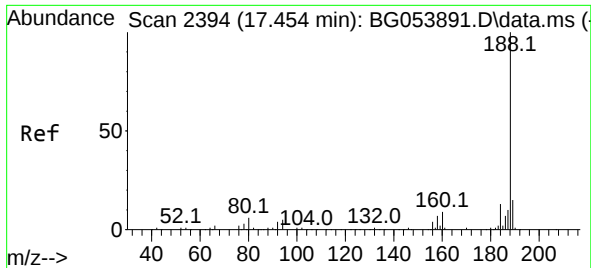


#45
2-Fluorobiphenyl
Concen: 81.142 ng
RT: 13.317 min Scan# 1690
Delta R.T. -0.006 min
Lab File: BG054179.D
Acq: 30 Jun 2022 21:25



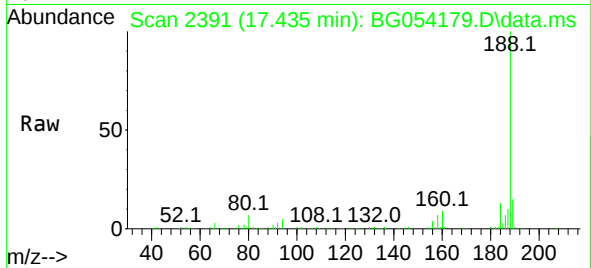
Tgt Ion:172 Resp: 370868
Ion Ratio Lower Upper
172 100
171 38.0 28.5 42.7
170 25.3 18.9 28.3





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.435 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG054179.D
Acq: 30 Jun 2022 21:25

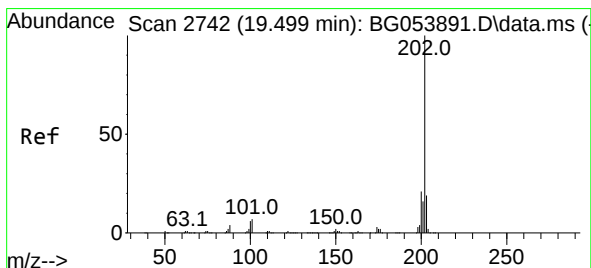
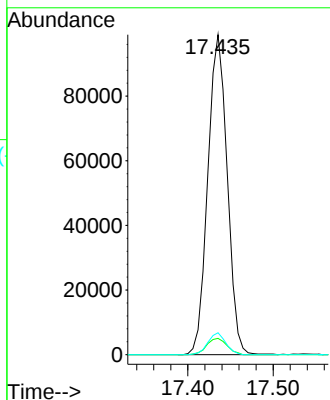
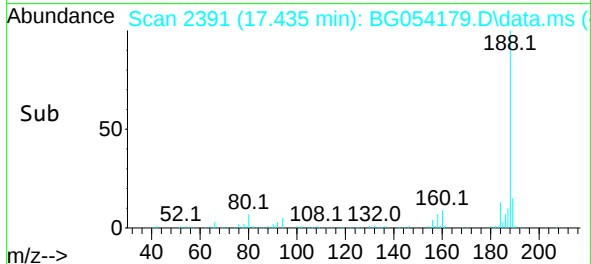
Instrument :
BNA_G
ClientSampleId :
ML-2



Tgt Ion:188 Resp: 15649
Ion Ratio Lower Upper
188 100
94 5.1 5.4 8.0
80 6.9 6.8 10.2

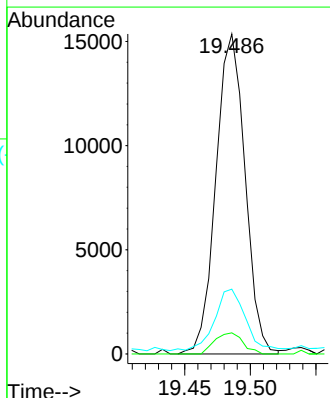
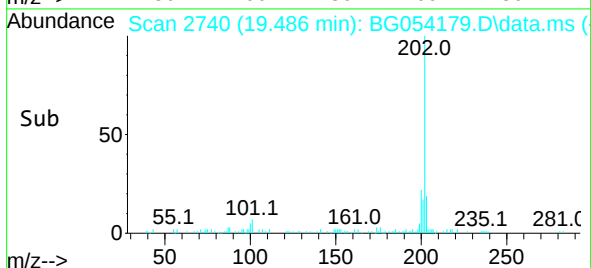
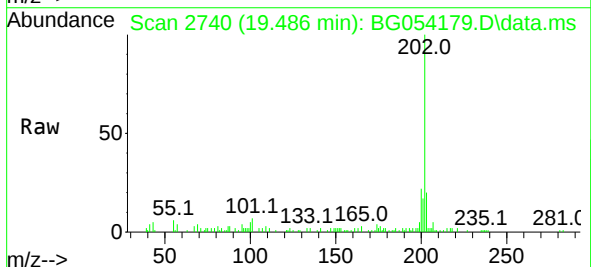
Manual Integrations
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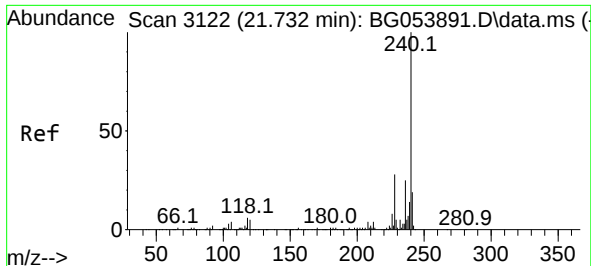
Reviewed By :Christian Giraldo 07/01/2022
Supervised By :Jagrut Upadhyay 07/01/2022



#75
Fluoranthene
Concen: 2.243 ng
RT: 19.486 min Scan# 2740
Delta R.T. -0.006 min
Lab File: BG054179.D
Acq: 30 Jun 2022 21:25

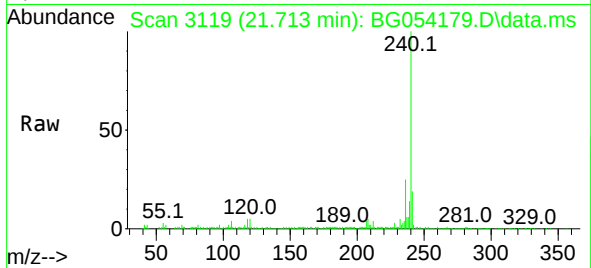
Tgt Ion:202 Resp: 23677
Ion Ratio Lower Upper
202 100
101 6.6 0.0 26.9
203 20.3 0.0 37.2





#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.713 min Scan# 3122
Delta R.T. -0.006 min
Lab File: BG054179.D
Acq: 30 Jun 2022 21:25

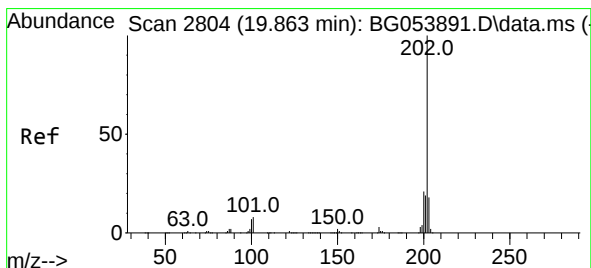
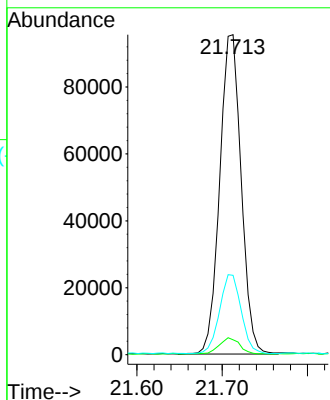
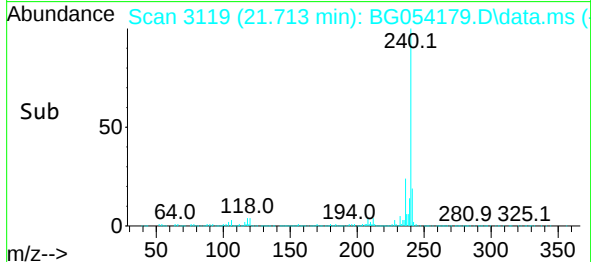
Instrument :
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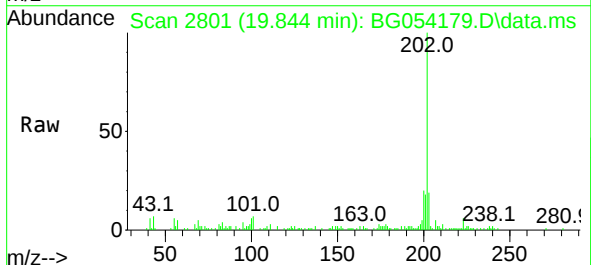
Tgt Ion:240 Resp: 167178
Ion Ratio Lower Upper
240 100
120 4.7 4.6 7.0
236 24.8 20.2 30.4

Manual Integrations
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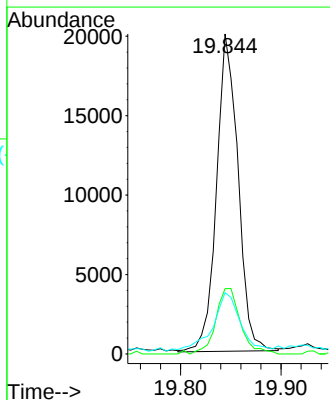
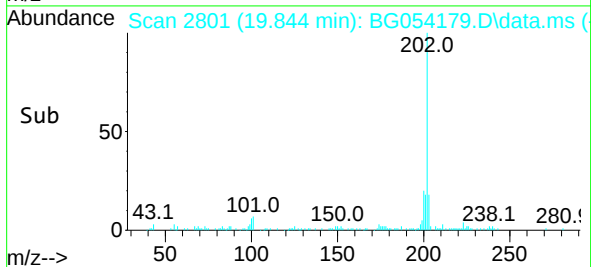
Reviewed By :Christian Giraldo 07/01/2022
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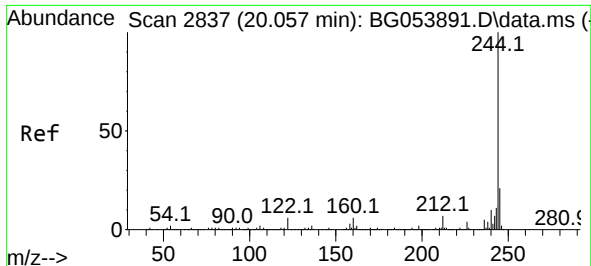


#78
Pyrene
Concen: 2.939 ng
RT: 19.844 min Scan# 2801
Delta R.T. -0.006 min
Lab File: BG054179.D
Acq: 30 Jun 2022 21:25



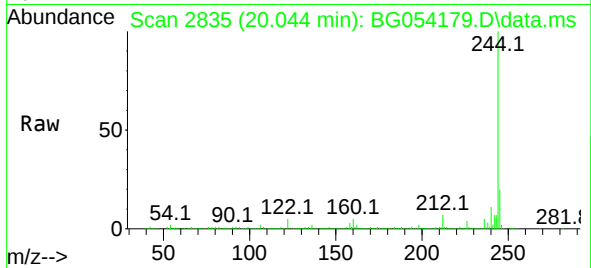
Tgt Ion:202 Resp: 29679
Ion Ratio Lower Upper
202 100
200 20.4 16.6 24.8
203 19.2 14.6 21.8





#79
 Terphenyl-d14
 Concen: 75.807 ng
 RT: 20.044 min Scan# 21
 Delta R.T. -0.001 min
 Lab File: BG054179.D
 Acq: 30 Jun 2022 21:25

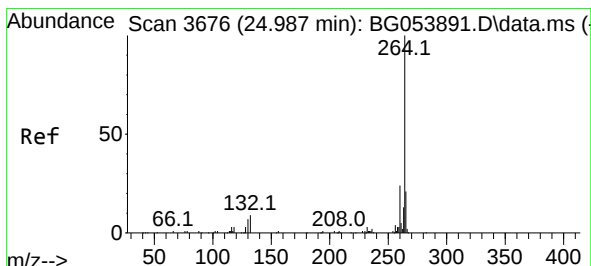
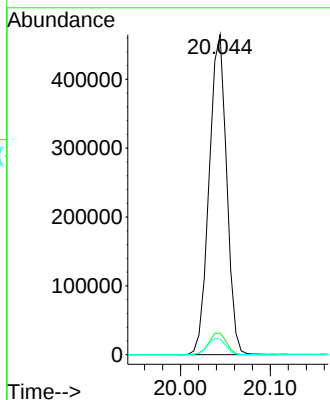
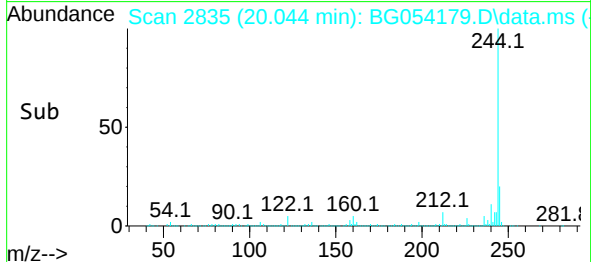
Instrument :
 BNA_G
 ClientSampleId :
 ML-2



Tgt Ion:244 Resp: 629230
 Ion Ratio Lower Upper
 244 100
 212 6.8 6.5 9.7
 122 4.8 5.0 7.4

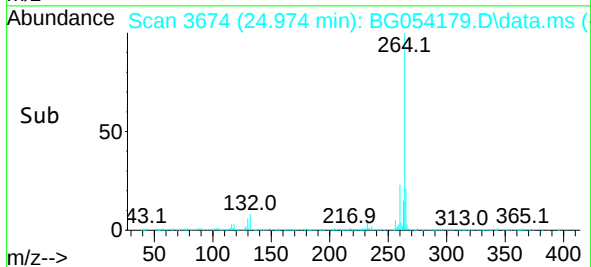
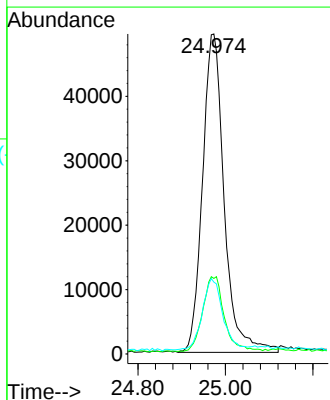
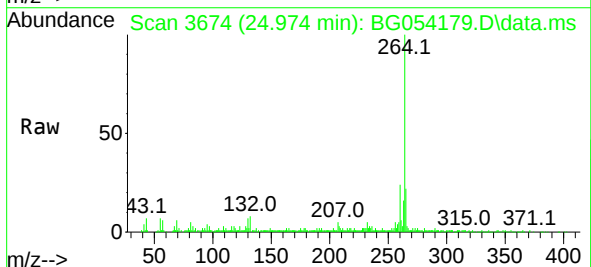
Manual Integrations
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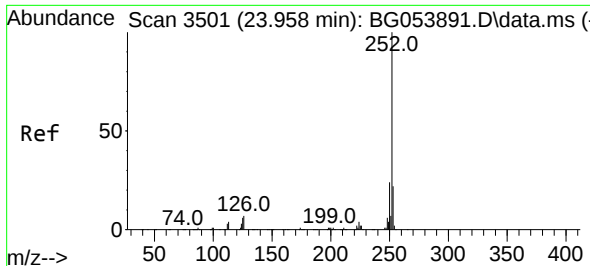
Reviewed By :Christian Giraldo 07/01/2022
 Supervised By :Jagrut Upadhyay 07/01/2022



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.974 min Scan# 3674
 Delta R.T. 0.011 min
 Lab File: BG054179.D
 Acq: 30 Jun 2022 21:25

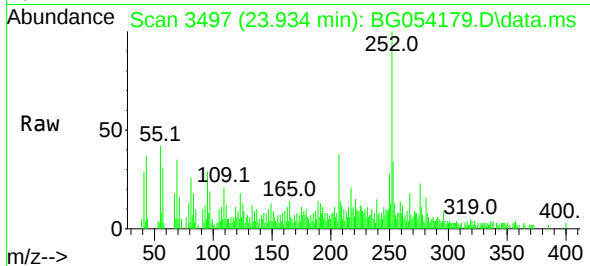
Tgt Ion:264 Resp: 170708
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.0 28.6
 265 22.4 17.4 26.2





#88
Benzo(b)fluoranthene
Concen: 2.732 ng m
RT: 23.934 min Scan# 34
Delta R.T. -0.001 min
Lab File: BG054179.D
Acq: 30 Jun 2022 21:25

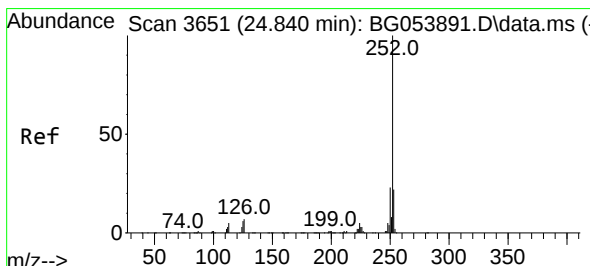
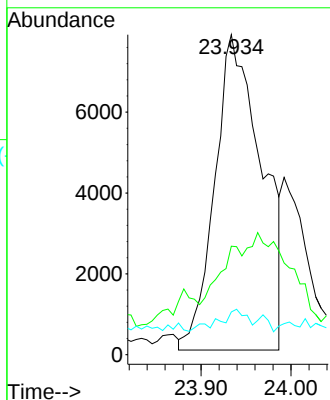
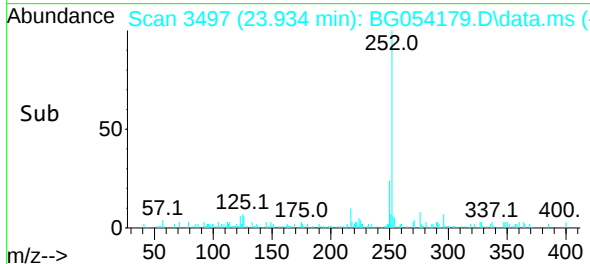
Instrument :
BNA_G
ClientSampleId :
ML-2



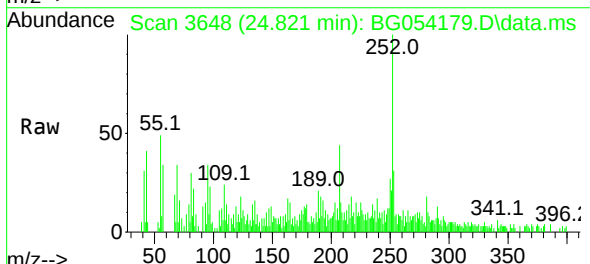
Tgt Ion:252 Resp: 2835
Ion Ratio Lower Upper
252 100
253 33.9 18.0 27.0#
125 13.4 4.6 6.8#

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 07/01/2022
Supervised By :Jagrut Upadhyay 07/01/2022



#90
Benzo(a)pyrene
Concen: 2.122 ng
RT: 24.821 min Scan# 3648
Delta R.T. 0.005 min
Lab File: BG054179.D
Acq: 30 Jun 2022 21:25



Tgt Ion:252 Resp: 18580
Ion Ratio Lower Upper
252 100
253 31.4 17.8 26.8#
125 11.5 4.3 6.5#

